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(54) AUGMENTED REALITY CONTROLS FOR USER INTERACTIONS WITH A VIRTUAL WORLD

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(57)ABSTRACT

There is provided an augmented reality control for interacting with a virtual world comprising a projector, a display surface for displaying the virtual world, a physical object, a memory storing, and a processor to: project, using the projector, a user control onto the physical object including a visual representation correlated with a virtual element in the virtual world, determine a user input for controlling the virtual element based on a user manipulation of the physical object, and update, using the projector, the user control projected onto the physical object based on the user manipulation of the physical object to maintain the visual representation correlated with the virtual element in the virtual world.

